

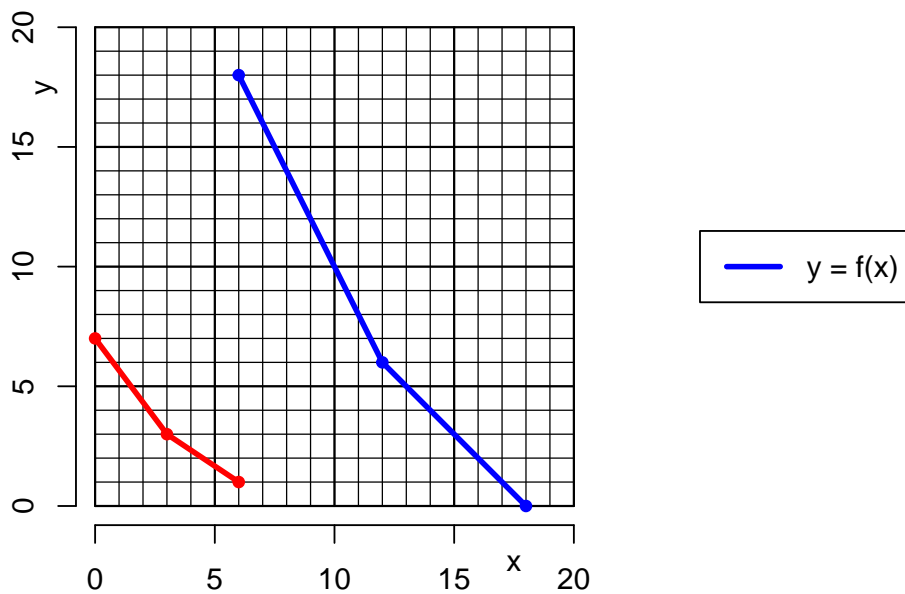
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 30)

### Question 1

Curve  $y = f(x)$  contains points  $(6, 18)$  and  $(12, 6)$  and  $(18, 0)$ , as shown on the  $x$ - $y$  plane below.

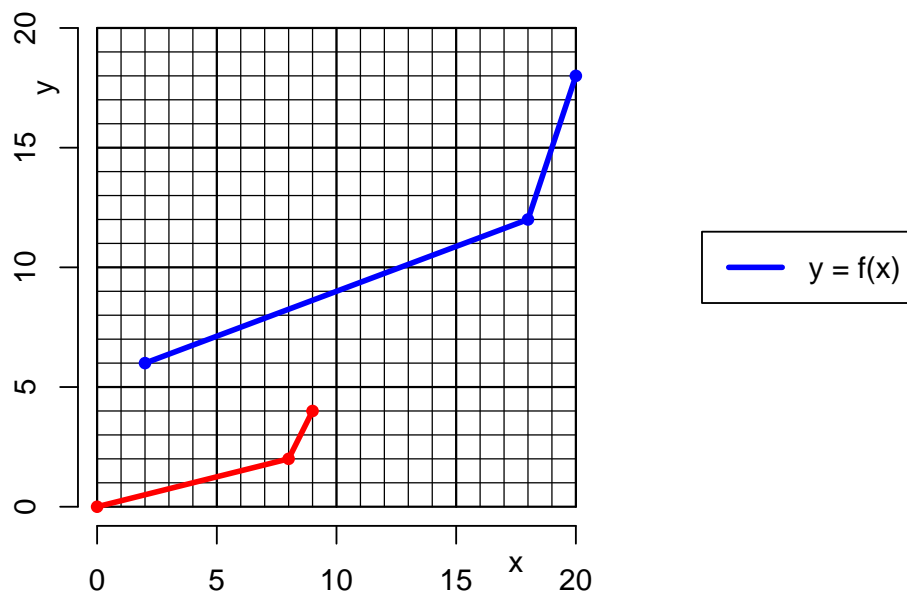


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x + 6] + 3}{3}$$

## Question 2

Curve  $y = f(x)$  contains points  $(2, 6)$  and  $(18, 12)$  and  $(20, 18)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2(x+1)]}{3} - 2$$